

Metodebeskrivelse UserUpdate - 2012-12-01

Navn

Web Service: UserUpdate
Operation: UserUpdate

Formål

Formålet med metoden er at kunne modtage opdateringer af stamdata for bruger indpakket i XML.

Version

Metodebeskrivelse og webservice: V2012-12-01

Ændringer og ophør af versionerede webservices sker efter vedligeholdelsesbestemmelserne og kontrakten mellem kunden og SD. De varsles i overensstemmelse hermed.

Ændringer

V2012-09-25: Webservices frigivet.
V2012-10-08: Metodebeskrivelse frigivet.
V2012-10-30: Tilføjet telefonnummer til input.
V2012-12-01: Ingen ændringer, men fremtidige ændringer vil nu foregå ved versionering, således at en kørende service ikke bortfalder selvom der udgives en ny version.

Adgang

For at få adgang til metoden kontakt da:

- Sikkerhed (telefonnummer: 8989 4449).

Krævet adgang: Brugeradministration / Webservices til AD-integration.

Tilgang

Metoden stilles til rådighed via HTTP transport protokol over en sikker forbindelse (SSL). Der anvendes XML-baseret SOAP protokol, så al kommunikation sker via XML. Service description sker via generet WSDL.

Der anvendes HTTP Basic-autentifikation, hvilket betyder at brugernavn + adgangskode skal angives i HTTP header.

Input

XML navn	Beskrivelse
UserUpdate	Oplysninger der skal opdateres på brugeren.
UserUUIDIdentifier	Entydig systemvendt nøgle der identificerer en bruger. Indholdet er 36 tegn i det hexadecimale talsystem, inkl. bindestreger og skal genereres

	<p>efter rfc4122-specifikationen. Eksempel: 049e0d00-0bb1-11e2-892e-0800200c9a66</p>
StartDateTime	<p>Angiver startdato og tid for opdateringen. Sendes StartDateTime-elementet ikke med i kaldet, bruges tidspunktet for kaldet. Bemærk: Ændringer med tilbagevirkende kraft understøttes ikke. Tidspunkter før i tiden omsættes automatisk til tidspunktet for kaldet. Bemærk: Ændringer frem i tiden understøttes ikke pt. Indsendes en fremtidig dato meldes der fejl. Derfor anbefales det at man undlader at sende StartDateTime med i sit kald.</p>
ExpiryDateTime	<p>Angiver slutdato og tid for opdateringen. Sendes ExpiryDateTime-elementet ikke med, sættes automatisk et sluttidspunkt på 9999-12-31-23.59.59. Bemærk: Vilkårlige sluttidspunkter understøttes pt. ikke. Derfor anbefales det at man undlader at sende ExpiryDateTime-elementet med i sit kald. Sendes et tidligere sluttidspunkt med, meldes der fejl.</p>
UserName	<p>Det brugernavn som brugeren er kendt som hos kalderen. Oftest vil dette være det navn brugeren logger ind med på sin arbejdsplads. Bemærk: Dette navn skal være unikt sammen med OrganizationalUnitUUIDReference.</p>
UserAffiliation	Brugerens tilhørsforhold (se næste)
OrganizationalUnitUUIDReference	<p>Entydig systemvendt nøgle der refererer til den institution som brugeren har tilhørsforhold til. Institutionen og dennes UUID skal være registreret i SD's organisationsstruktur.</p> <p>UUID'en for en institution kan findes under navnet "InstitutionUUIDIdentifier" i webservicen GetInstitution20111201.</p> <p>Vælges et UUID for andre niveauer end institutionsniveauet i organisationsstrukturen, vil oprettelsen fejle.</p> <p>Ved tilhørsforhold kan f.eks. forstås ansættelse. Der kan også være tale om udlånsforhold eller forhold hvor en ekstern person oprettes som bruger af SD-Løn, med tilknytning til en bestemt</p>

	institution. Bemærk: Denne reference, samt UserName skal tilsammen være unikt.
PersonCivilRegistrationIdentifier	Brugerens CPR-nummer. Dette bruges til at sammenbinde brugere med ansatte i lønsystemet. I tilfælde af systembrugere og eksterne brugere, kan dette element undlades.
PersonGivenName	Fornavn på personen der rettes bruger til.
PersonSurnameName	Efternavn på personen der rettes bruger til.
EmailAddressIdentifier	Email-adresse til personen der rettes en bruger til.
TelephoneNumberIdentifier	Telefonnummer til personen der rettes en bruger til (Valgfri).

Output/resultat

Følgende udtræksoplysninger dannes:

XML navn	Beskrivelse
UserUpdateInput	En kopi af hele inputtet til kaldet.
ReturnStatus	En status på kaldet. Se ReturnCode , ReasonCode og ReasonText .
ReturnCode	Værdien angiver det overordnede resultat af webservicekaldet: 1: Succes (alt ok) 0: Advarsel (undersøg ReasonCode og ReasonText) -1: Fejl (undersøg ReasonCode og ReasonText)
ReasonCode	En systemkode der angiver en årsag til en advarsel eller fejl (ReturnCode lig 0 eller 1).
ReasonText	En tekst der uddyber en advarsel eller fejl.

Gruppering, antal og tekniske specifikationer

Gruppering, antal og overblik af input og output kan ses på diagrammerne nedenfor:

[Input](#)

[Output](#)

Tekniske specifikationer for de enkelte elementer findes til sidst i dokumentet.

WSDL og Schema

Alle schemaer er direkte indlejret i WSDL'en, som kan tilgås her:

<https://service.sd.dk/sdba/services/UserUpdate?wsdl>

WSDL'en kan læses direkte fra et udviklingsværktøj, men kan også tilgås via en browser, gemmes som fil og derefter indlæses i et udviklingsværktøj.

Eksempler

Input (uden SOAP-envelope) kan se således ud:

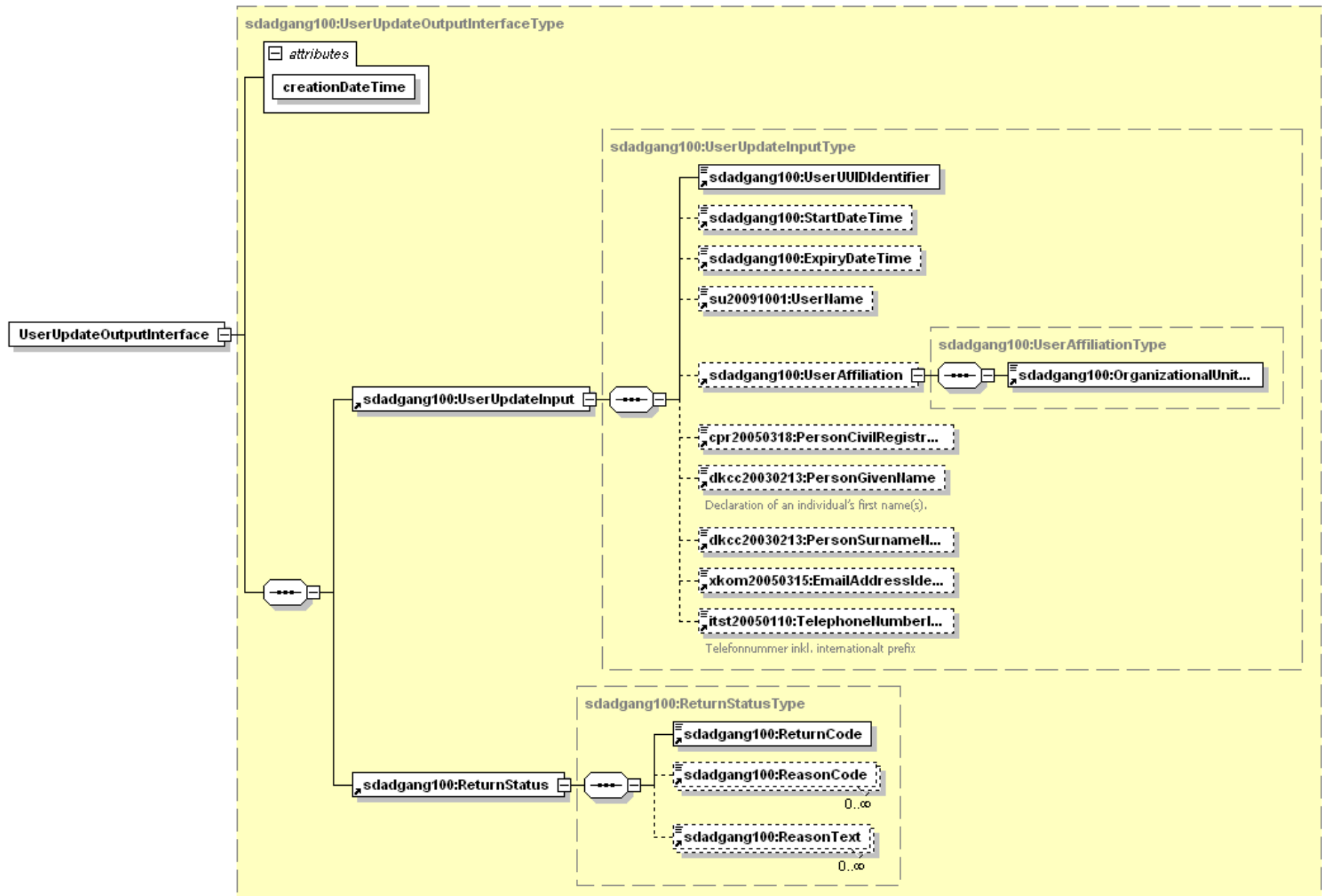
```
<UserUpdateInput xmlns="urn:oio:sd:adgang:1.0.0" xmlns:cpr20050318="http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/"
xmlns:dkcc20030213="http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/"
xmlns:itst20050315="http://rep.oio.dk/itst.dk/xml/schemas/2005/01/10/"
xmlns:sd20070301="http://rep.oio.dk/sd.dk/xml.schema/20070301/"
xmlns:xkom20050315="http://rep.oio.dk/xkom.dk/xml/schemas/2005/03/15/" xmlns:dkal100="urn:oio:dkal:1.0.0"
xmlns:su20091001="urn:oio:sustystrelsen:su:2009.10.01" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:oio:sd:adgang:1.0.0 ../Schema/SD_UserUpdateInput.xsd">
  <UserUUIDIdentifier>afd9ad90-1184-11e2-892e-0800200c9a66</UserUUIDIdentifier>
  <StartDateTime>2012-12-17T09:30:47.0Z</StartDateTime>
  <ExpiryDateTime>9999-12-31T23:59:59.0Z</ExpiryDateTime>
  <su20091001:UserName>BENHAN</su20091001:UserName>
  <UserAffiliation>
    <OrganizationalUnitUUIDReference>3d7d98a0-1185-11e2-892e-0800200c9a66</OrganizationalUnitUUIDReference>
  </UserAffiliation>
  <cpr20050318:PersonCivilRegistrationIdentifier>0101000000</cpr20050318:PersonCivilRegistrationIdentifier>
  <dkcc20030213:PersonGivenName>Bent</dkcc20030213:PersonGivenName>
  <dkcc20030213:PersonSurnameName>Hansen</dkcc20030213:PersonSurnameName>
  <xkom20050315:EmailAddressIdentifier>benhan@kommune.dk</xkom20050315:EmailAddressIdentifier>
  <itst20050315:PhoneNumberIdentifier>+4589898989</itst20050315:PhoneNumberIdentifier>
</UserUpdateInput>
```

Output (uden SOAP-envelope) kan se sådan ud:

```
<UserUpdateOutputInterface xmlns="urn:oio:sd:adgang:1.0.0" xmlns:cpr20050318="http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/"
xmlns:dkcc20030213="http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/"
xmlns:itst20050315="http://rep.oio.dk/itst.dk/xml/schemas/2005/01/10/"
xmlns:sd20070301="http://rep.oio.dk/sd.dk/xml.schema/20070301/"
xmlns:xkom20050315="http://rep.oio.dk/xkom.dk/xml/schemas/2005/03/15/" xmlns:dkal100="urn:oio:dkal:1.0.0"
xmlns:su20091001="urn:oio:sustystrelsen:su:2009.10.01" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:oio:sd:adgang:1.0.0 ../Schema/SD_UserUpdateOutputInterface.xsd" creationDateTime="2001-12-17T09:30:47.0Z">
  <UserUpdateInput>
    <UserUUIDIdentifier>afd9ad90-1184-11e2-892e-0800200c9a66</UserUUIDIdentifier>
    <StartDateTime>2012-12-17T09:30:47.0Z</StartDateTime>
    <ExpiryDateTime>9999-12-31T23:59:59.0Z</ExpiryDateTime>
    <su20091001:UserName>BENHAN</su20091001:UserName>
    <UserAffiliation>
      <OrganizationalUnitUUIDReference>3d7d98a0-1185-11e2-892e-0800200c9a66</OrganizationalUnitUUIDReference>
    </UserAffiliation>
    <cpr20050318:PersonCivilRegistrationIdentifier>0101000000</cpr20050318:PersonCivilRegistrationIdentifier>
    <dkcc20030213:PersonGivenName>Bent</dkcc20030213:PersonGivenName>
    <dkcc20030213:PersonSurnameName>Hansen</dkcc20030213:PersonSurnameName>
    <xkom20050315:EmailAddressIdentifier>benhan@kommune.dk</xkom20050315:EmailAddressIdentifier>
    <itst20050315:PhoneNumberIdentifier>+4589898989</itst20050315:PhoneNumberIdentifier>
  </UserUpdateInput>
  <ReturnStatus>
    <ReturnCode>1</ReturnCode>
    <ReasonCode/>
    <ReasonText>Alt ok</ReasonText>
  </ReturnStatus>
</UserUpdateOutputInterface>
```



Generated with XMLSpy Schema Editor www.altova.com



Teknisk dokumentation for input:

Schema **SD_UserUpdateInputInterface.xsd**

element **UserUpdate**

diagram



namespace urn:oio:sd:adgang:1.0.0

properties content complex

source `<element name="UserUpdate" type="sdadgang100:UserUpdateInputType"/>`

element **sdadgang100:UserUpdateInput**

diagram



namespace urn:oio:sd:adgang:1.0.0

properties content complex

source `<element name="UserUpdateInput" type="sdadgang100:UserUpdateInputType"/>`

complexType **sdadgang100:UserUpdateInputType**

diagram

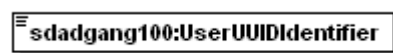


namespace urn:oio:sd:adgang:1.0.0

```
source <complexType name="UserUpdateInputType">
  <sequence>
    <element ref="sdadgang100:UserUUIDIdentifier"/>
    <element ref="sdadgang100:StartDateTime" minOccurs="0"/>
    <element ref="sdadgang100:ExpiryDateTime" minOccurs="0"/>
    <element ref="su20091001:UserName" minOccurs="0"/>
    <element ref="sdadgang100:UserAffiliation" minOccurs="0"/>
    <element ref="cpr20050318:PersonCivilRegistrationIdentifier" minOccurs="0"/>
    <element ref="dkcc20030213:PersonGivenName" minOccurs="0"/>
    <element ref="dkcc20030213:PersonSurnameName" minOccurs="0"/>
    <element ref="xkom20050315:EmailAddressIdentifier" minOccurs="0"/>
    <element ref="itst20050110:TelephoneNumberOfIdentifier" minOccurs="0"/>
  </sequence>
</complexType>
```

element **sdadgang100:UserUUIDIdentifier**

diagram



namespace urn:oio:sd:adgang:1.0.0

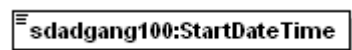
properties content simple

facets pattern [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

source <element name="UserUUIDIdentifier" type="dkal100:UUIDtype"/>

element **sdadgang100:StartDateTime**

diagram

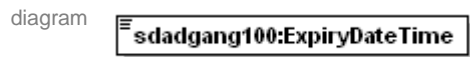


```

namespace urn:oio:sd:adgang:1.0.0
properties content simple
source <element name="StartDateTime" type="xs:dateTime"/>

```

element **sdadgang100:ExpiryDateTime**

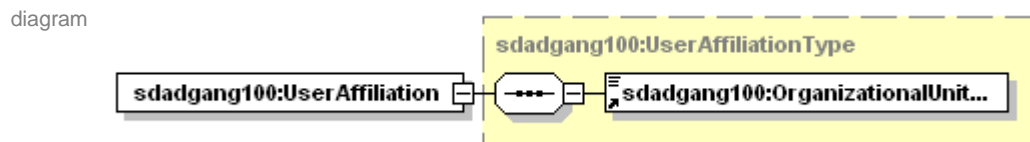


```

namespace urn:oio:sd:adgang:1.0.0
properties content simple
source <element name="ExpiryDateTime" type="xs:dateTime"/>

```

element **sdadgang100:UserAffiliation**



```

namespace urn:oio:sd:adgang:1.0.0
properties content complex
source <element name="UserAffiliation" type="sdadgang100:UserAffiliationType"/>

```

complexType **sdadgang100:UserAffiliationType**

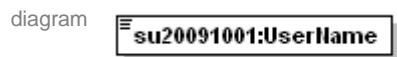


```

namespace urn:oio:sd:adgang:1.0.0
source <complexType name="UserAffiliationType">
  <sequence>
    <element ref="sdadgang100:OrganizationalUnitUUIDReference"/>
  </sequence>
</complexType>

```

element **su20091001:UserName**



```

namespace urn:oio:sustylrelsen:su:2009.10.01
properties content simple
source <element name="UserName" type="su:UserNameType"/>

```

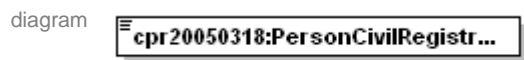
simpleType **su20091001:UserNameType**

```

namespace urn:oio:sustylrelsen:su:2009.10.01
source <simpleType name="UserNameType">
  <restriction base="string"/>
</simpleType>

```

element **cpr20050318:PersonCivilRegistrationIdentifier**



namespace <http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/>

properties content simple

facets pattern `((([0-9][0-9][0-9][0-9])(01|03|05|07|08|10|12))((0[1-9][0-9][0-9][0-9])(04|06|09|11))((0[1-9][0-9][0-9][0-9])(02)))[0-9]{6})0000000000`

source `<element name="PersonCivilRegistrationIdentifier" type="cpr:PersonCivilRegistrationIdentifierType"/>`

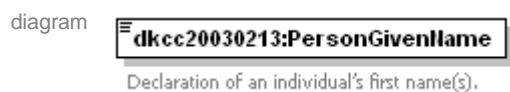
simpleType **cpr20050318:PersonCivilRegistrationIdentifierType**

namespace <http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/>

facets pattern `((([0-9][0-9][0-9][0-9])(01|03|05|07|08|10|12))((0[1-9][0-9][0-9][0-9])(04|06|09|11))((0[1-9][0-9][0-9][0-9])(02)))[0-9]{6})0000000000`

source `<simpleType name="PersonCivilRegistrationIdentifierType">
<restriction base="string">
<pattern value="((([0-9][0-9][0-9][0-9])(01|03|05|07|08|10|12))((0[1-9][0-9][0-9][0-9])(04|06|09|11))((0[1-9][0-9][0-9][0-9])(02)))[0-9]{6})0000000000"/>
</restriction>
</simpleType>`

element **dkcc20030213:PersonGivenName**



namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

properties content simple

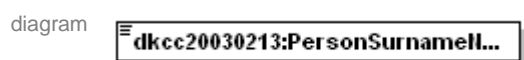
source `<element name="PersonGivenName" type="dkcc:PersonGivenNameType">
<annotation>
<documentation>Declaration of an individual's first name(s).</documentation>
</annotation>
</element>`

simpleType **dkcc20030213:PersonGivenNameType**

namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

source `<simpleType name="PersonGivenNameType">
<restriction base="string">
<minLength value="1"/>
<maxLength value="50"/>
</restriction>
</simpleType>`

element **dkcc20030213:PersonSurnameName**



namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

properties content simple

source `<element name="PersonSurnameName" type="dkcc:PersonSurnameNameType"/>`

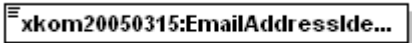
simpleType **dkcc20030213:PersonSurnameNameType**

namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

source

```
<simpleType name="PersonSurnameNameType">
  <annotation>
    <documentation>Declaration of an individuals surname.</documentation>
  </annotation>
  <restriction base="string">
    <minLength value="1"/>
    <maxLength value="40"/>
  </restriction>
</simpleType>
```

element **xkom20050315:EmailAddressIdentifier**

diagram 

namespace <http://rep.oio.dk/xkom.dk/xml/schemas/2005/03/15/>

properties content simple

facets pattern `([^\>\(\)\[\]\.,;@\s]{0,191})@([^\>\(\)\[\]\.,;@\s]{1,64})`

source

```
<element name="EmailAddressIdentifier" type="xkom:EmailAddressIdentifierType"/>
```

simpleType **xkom20050315:EmailAddressIdentifierType**

namespace <http://rep.oio.dk/xkom.dk/xml/schemas/2005/03/15/>

facets pattern `([^\>\(\)\[\]\.,;@\s]{0,191})@([^\>\(\)\[\]\.,;@\s]{1,64})`

source

```
<simpleType name="EmailAddressIdentifierType">
  <restriction base="string">
    <pattern value="([^\>\(\)\[\]\.,;@\s]{0,191})@([^\>\(\)\[\]\.,;@\s]{1,64})"/>
  </restriction>
</simpleType>
```

element **TelephoneNumberIdentifier**

diagram 
Telefonnummer inkl. internationalt prefix

namespace <http://rep.oio.dk/itst.dk/xml/schemas/2005/01/10/>

properties content simple

facets pattern `(\+)?[0-9]{3,20}`

source

```
<element name="TelephoneNumberIdentifier" type="itst:TelephoneNumberIdentifierType">
  <annotation>
    <documentation xml:lang="da">Telefonnummer inkl. internationalt prefix</documentation>
  </annotation>
</element>
```

simpleType **TelephoneNumberIdentifierType**

namespace <http://rep.oio.dk/itst.dk/xml/schemas/2005/01/10/>

facets pattern `(\+)?[0-9]{3,20}`

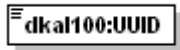
source

```
<simpleType name="TelephoneNumberIdentifierType">
```

```
<restriction base="string">
  <pattern value="(\+)?[0-9]{3,20}"/>
</restriction>
</simpleType>
```

element **dkal100:UUID**

diagram



namespace urn:oio:dkal:1.0.0

properties content simple

facets pattern [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

source `<element name="UUID" type="dkal:UUIDtype"/>`

simpleType **dkal100:UUIDtype**

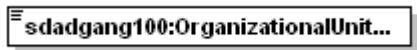
namespace urn:oio:dkal:1.0.0

facets pattern [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

source `<simpleType name="UUIDtype">
 <restriction base="string">
 <pattern value="[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}"/>
 </restriction>
</simpleType>`

element **sdadgang100:OrganizationalUnitUUIDReference**

diagram



namespace urn:oio:sd:adgang:1.0.0

properties content simple

facets pattern [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

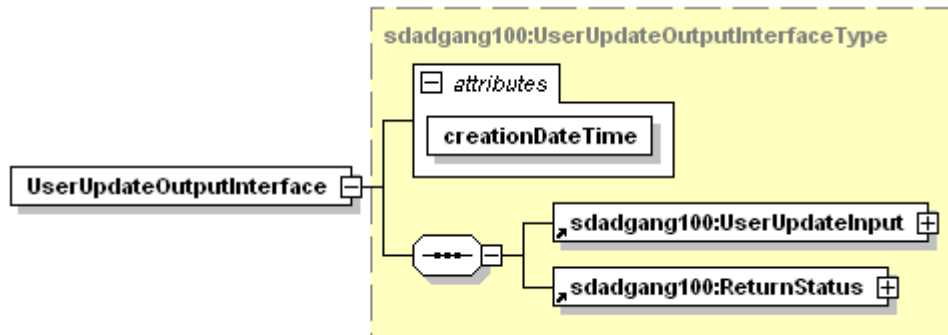
source `<element name="OrganizationalUnitUUIDReference" type="dkal100:UUIDtype"/>`

Teknisk dokumentation for output:

Schema **SD_UserUpdateOutputInterface.xsd**

element **UserUpdateOutputInterface**

diagram



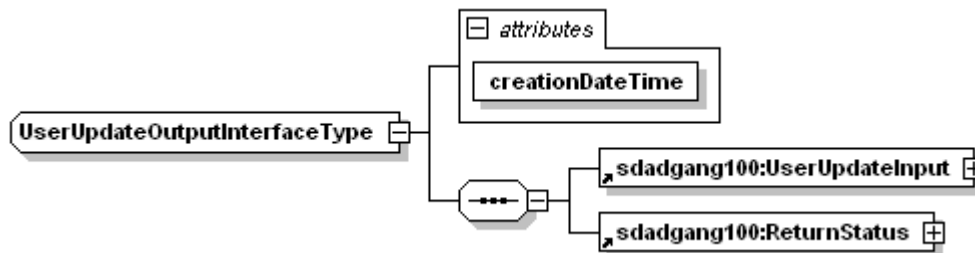
namespace urn:oio:sd:adgang:1.0.0

properties content complex

source `<element name="UserUpdateOutputInterface" type="sdadgang100:UserUpdateOutputInterfaceType"/>`

complexType **UserUpdateOutputInterfaceType**

diagram



namespace urn:oio:sd:adgang:1.0.0

source `<complexType name="UserUpdateOutputInterfaceType">
 <sequence>
 <element ref="sdadgang100:UserUpdateInput"/>
 <element ref="sdadgang100:ReturnStatus"/>
 </sequence>
 <attribute name="creationDateTime" type="dateTime" use="required"/>
</complexType>`

element **sdadgang100:UserUpdateInput**

diagram



namespace urn:oio:sd:adgang:1.0.0

properties content complex

source `<element name="UserUpdateInput" type="sdadgang100:UserUpdateInputType"/>`

complexType **sdadgang100:UserUpdateInputType**

diagram

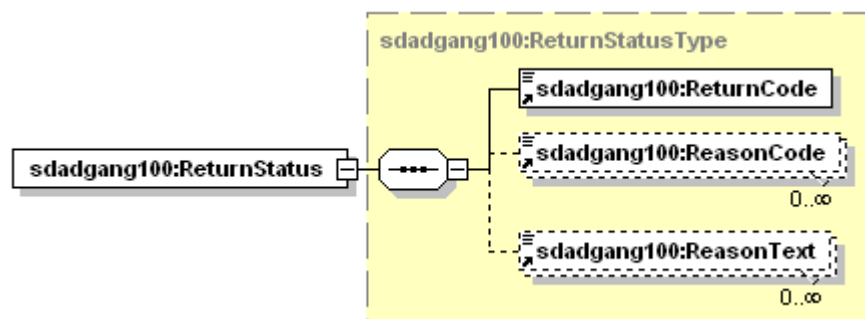


namespace urn:oio:sd:adgang:1.0.0

```
source <complexType name="UserUpdateInputType">
  <sequence>
    <element ref="sdadgang100:UserUUIDIdentifier"/>
    <element ref="sdadgang100:StartDateTime" minOccurs="0"/>
    <element ref="sdadgang100:ExpiryDateTime" minOccurs="0"/>
    <element ref="su20091001:UserName" minOccurs="0"/>
    <element ref="sdadgang100:UserAffiliation" minOccurs="0"/>
    <element ref="cpr20050318:PersonCivilRegistrationIdentifier" minOccurs="0"/>
    <element ref="dkcc20030213:PersonGivenName" minOccurs="0"/>
    <element ref="dkcc20030213:PersonSurnameName" minOccurs="0"/>
    <element ref="xkom20050315:EmailAddressIdentifier" minOccurs="0"/>
    <element ref="itst20050110:TelephoneNumberOfIdentifier" minOccurs="0"/>
  </sequence>
</complexType>
```

element **sdadgang100:ReturnStatus**

diagram



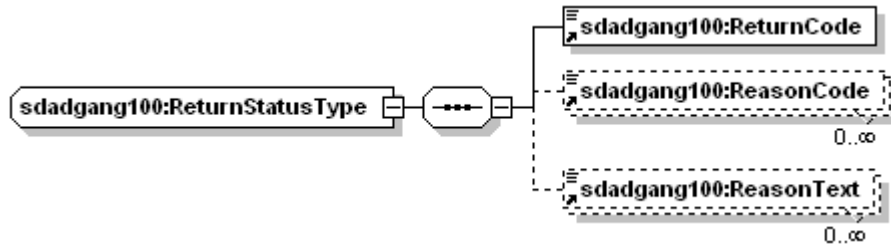
namespace urn:oio:sd:adgang:1.0.0

properties content complex

source `<element name="ReturnStatus" type="sdadgang100:ReturnStatusType"/>`

complexType **sdadgang100:ReturnStatusType**

diagram

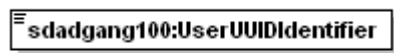


namespace urn:oio:sd:adgang:1.0.0

```
source <complexType name="ReturnStatusType">
  <sequence>
    <element ref="sdadgang100:ReturnCode"/>
    <element ref="sdadgang100:ReasonCode" minOccurs="0" maxOccurs="unbounded"/>
    <element ref="sdadgang100:ReasonText" minOccurs="0" maxOccurs="unbounded"/>
  </sequence>
</complexType>
```

element **sdadgang100:UserUUIDIdentifier**

diagram



namespace urn:oio:sd:adgang:1.0.0

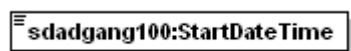
properties content simple

facets pattern `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

source `<element name="UserUUIDIdentifier" type="dkal100:UUIDtype"/>`

element **sdadgang100:StartDateTime**

diagram



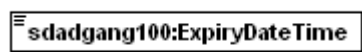
namespace urn:oio:sd:adgang:1.0.0

properties content simple

source `<element name="StartDateTime" type="xs:dateTime"/>`

element **sdadgang100:ExpiryDateTime**

diagram



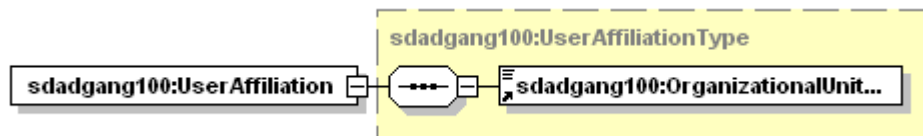
namespace urn:oio:sd:adgang:1.0.0

properties content simple

source `<element name="ExpiryDateTime" type="xs:dateTime"/>`

element **sdadgang100:UserAffiliation**

diagram



namespace urn:oio:sd:adgang:1.0.0

properties content complex

source `<element name="UserAffiliation" type="sdadgang100:UserAffiliationType"/>`

complexType **sdadgang100:UserAffiliationType**

diagram

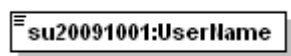


namespace urn:oio:sd:adgang:1.0.0

source `<complexType name="UserAffiliationType">
 <sequence>
 <element ref="sdadgang100:OrganizationalUnitUUIDReference"/>
 </sequence>
</complexType>`

element **su20091001:UserName**

diagram



namespace urn:oio:sustynelsen:su:2009.10.01

properties content simple

source `<element name="UserName" type="su:UserNameType"/>`

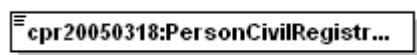
simpleType **su20091001:UserNameType**

namespace urn:oio:sustynelsen:su:2009.10.01

source `<simpleType name="UserNameType">
 <restriction base="string"/>
</simpleType>`

element **cpr20050318:PersonCivilRegistrationIdentifier**

diagram



namespace http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/

properties content simple

facets pattern `((([0-9][0-9][0-9][0-9])(01|03|05|07|08|10|12))((0[1-9][0-9][0-9][0-9])(04|06|09|11))((0[1-9][0-9][0-9][0-9])(02)))[0-9]{6})0000000000`

source `<element name="PersonCivilRegistrationIdentifier" type="cpr:PersonCivilRegistrationIdentifierType"/>`

simpleType **cpr20050318:PersonCivilRegistrationIdentifierType**


namespace <http://rep.oio.dk/cpr.dk/xml/schemas/core/2005/03/18/>

facets pattern (((([0-9][1-9][0-9][2-9][3-9])(01|03|05|07|08|10|12))((([0-9][1-9][0-9][2-9][3-9])(04|06|09|11))((([0-9][1-9][0-9][2-9][3-9])(02)))[0-9]{6}))0000000000

source

```
<simpleType name="PersonCivilRegistrationIdentifierType">
  <restriction base="string">
    <pattern value="(((([0-9][1-9][0-9][2-9][3-9])(01|03|05|07|08|10|12))((([0-9][1-9][0-9][2-9][3-9])(04|06|09|11))((([0-9][1-9][0-9][2-9][3-9])(02)))[0-9]{6}))0000000000"/>
  </restriction>
</simpleType>
```

element **dkcc20030213:PersonGivenName**

diagram 
Declaration of an individual's first name(s).

namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

properties content simple

source

```
<element name="PersonGivenName" type="dkcc:PersonGivenNameType">
  <annotation>
    <documentation>Declaration of an individual's first name(s).</documentation>
  </annotation>
</element>
```

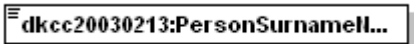
simpleType **dkcc20030213:PersonGivenNameType**

namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

source

```
<simpleType name="PersonGivenNameType">
  <restriction base="string">
    <minLength value="1"/>
    <maxLength value="50"/>
  </restriction>
</simpleType>
```

element **dkcc20030213:PersonSurnameName**

diagram 

namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

properties content simple

source

```
<element name="PersonSurnameName" type="dkcc:PersonSurnameNameType"/>
```

simpleType **dkcc20030213:PersonSurnameNameType**

namespace <http://rep.oio.dk/ebxml/xml/schemas/dkcc/2003/02/13/>

source

```
<simpleType name="PersonSurnameNameType">
  <annotation>
    <documentation>Declaration of an individuals surname.</documentation>
  </annotation>
  <restriction base="string">
    <minLength value="1"/>
    <maxLength value="40"/>
  </restriction>
</simpleType>
```

element **xkom20050315:EmailAddressIdentifier**

diagram

A diagram showing a box with the text "xkom20050315:EmailAddressIdentifier" and a small icon to its left.

namespace <http://rep.oio.dk/xkom.dk/xml/schemas/2005/03/15/>

properties content simple

facets pattern `([^\>\(\)\[\]\\",;:@\s]{0,191})@([^\>\(\)\[\]\\",;:@\s]{1,64})`

source `<element name="EmailAddressIdentifier" type="xkom:EmailAddressIdentifierType"/>`

simpleType **xkom20050315:EmailAddressIdentifierType**

namespace <http://rep.oio.dk/xkom.dk/xml/schemas/2005/03/15/>

facets pattern `([^\>\(\)\[\]\\",;:@\s]{0,191})@([^\>\(\)\[\]\\",;:@\s]{1,64})`

source `<simpleType name="EmailAddressIdentifierType">
<restriction base="string">
<pattern value="([^\>\(\)\[\]\\",;:@\s]{0,191})@([^\>\(\)\[\]\\",;:@\s]{1,64})"/>
</restriction>
</simpleType>`

element **TelephoneNumberIdentifier**

diagram

A diagram showing a box with the text "TelephonellumberIdentifier" and a small icon to its left. Below the box, the text "Telefonnummer inkl. internationalt prefix" is written.

namespace <http://rep.oio.dk/itst.dk/xml/schemas/2005/01/10/>

properties content simple

facets pattern `(\+)?[0-9]{3,20}`

source `<element name="TelephoneNumberIdentifier" type="itst:TelephoneNumberIdentifierType">
<annotation>
<documentation xml:lang="da">Telefonnummer inkl. internationalt prefix</documentation>
</annotation>
</element>`

simpleType **TelephoneNumberIdentifierType**

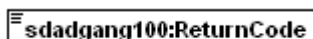
namespace <http://rep.oio.dk/itst.dk/xml/schemas/2005/01/10/>

facets pattern `(\+)?[0-9]{3,20}`

source `<simpleType name="TelephoneNumberIdentifierType">
<restriction base="string">
<pattern value="(\+)?[0-9]{3,20}">
</restriction>
</simpleType>`

element **sdadgang100:ReturnCode**

diagram

A diagram showing a box with the text "sdadgang100:ReturnCode" and a small icon to its left.

namespace <urn:oio:sd:adgang:1.0.0>

properties content simple

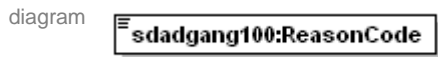
source `<element name="ReturnCode" type="sdadgang100:ReturnCodeType"/>`

simpleType **sdadgang100:ReturnCodeType**

namespace urn:oio:sd:adgang:1.0.0

source `<simpleType name="ReturnCodeType">
 <restriction base="xs:integer">
 <minInclusive value="-1"/>
 <maxInclusive value="1"/>
 </restriction>
</simpleType>`

element **sdadgang100:ReasonCode**

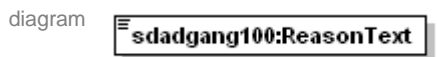


namespace urn:oio:sd:adgang:1.0.0

properties content simple

source `<element name="ReasonCode" type="xs:string"/>`

element **sdadgang100:ReasonText**



namespace urn:oio:sd:adgang:1.0.0

properties content simple

source `<element name="ReasonText" type="xs:string"/>`

element **dkal100:UUID**



namespace urn:oio:dkal:1.0.0

properties content simple

facets pattern `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

source `<element name="UUID" type="dkal:UUIDtype"/>`

simpleType **dkal100:UUIDtype**

namespace urn:oio:dkal:1.0.0

facets pattern `[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}`

source `<simpleType name="UUIDtype">
 <restriction base="string">
 <pattern value="[0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}"/>
 </restriction>
</simpleType>`

element **sdadgang100:OrganizationalUnitUUIDReference**

diagram



namespace urn:oio:sd:adgang:1.0.0

properties content simple

facets pattern [0-9a-f]{8}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{4}-[0-9a-f]{12}

source `<element name="OrganizationalUnitUUIDReference" type="dkal100:UUIDtype"/>`